

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	US-6956800-\$.DID. OR US-4999824-\$.DID. OR US-20030081531-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/27 11:02
S2	2	US-5475666-\$.DID. OR US-20030043714-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 16:31
S4	3	US-20040213119-\$.DID. OR US-1800786-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 16:37
S5	3	US-6345023-\$.DID. OR US-6891785-\$.DID. OR US-6333902-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 13:20
S6	1	US-7053919-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 16:39
S7	2	US-20050073923-\$.DID. OR US-5689482-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 16:35
S9	1	US-6661752-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 16:39
S10	2	US-20020131347-\$.DID. OR US-20030179665-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 16:40
S13	1440	375/371.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 09:18
S14	1215	375/371.ccls. and @ad<"20030410"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 11:41
S15	125	((pfd or (phase frequency detector)) same count\$4 same ((ref or reference) near (clk or clock)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/14 16:14
S18	673	369/53.2.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 09:51
S19	331	369/53.2.ccls. and @ad<"20030410"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 09:53
S21	6	"369"/\$.ccls. and @ad<"20030410" and ((pfd or (phase frequency detector)) same ((ref or reference) near (clk or clock)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/14 16:16
S22	5	375/371.ccls. and @ad<"20030410" and ((pfd or (phase frequency detector)) same count\$4 same ((ref or reference) near (clk or clock)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:23
S23	1	((pre near (pit or groov\$3)) and (dvd\$4) and wooble	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 13:09

S24	1105	(pre near (pit or groov\$3)) and (dvd\$4) and wobble	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 11:00
S25	1	(pre near (pit or groov\$3)) and (dvd\$4) and wobble and (pfd or (phase freq\$6 detect \$4)) and @ad<"20030410"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 13:13
S26	1	US-6587417-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/14 19:29
S27	3	US-6754147-\$.DID. OR US-7016277-\$.DID. OR US-7046598-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 16:26
S28	1	(pfd or (phase frequency detector)) same count\$4 same ((ref or reference) near (clk or clock)) and slicer	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/14 16:14
S29	4	"369"/\$.ccls. and @ad<"20030410" and ((pfd or (phase frequency detector) or (phase detector)) same (ref or reference) and slicer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/14 16:21
S30	66	@ad<"20030410" and ((pfd or (phase frequency detector) or (phase detector)) same (ref or reference) and slice\$4 and (bpf or band pass filter))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/14 16:22
S31	1	US-6765861-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/14 19:29
S32	1	US-7206351-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/06 12:06
S33	127	(pfd or (phase frequency detector)) same count\$4 same ((ref or reference) near (clk or clock))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:22
S34	88	S33 and @ad<"20030410"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:22
S35	460	((phase near adjust\$4) with (frequency near divid\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:09
S36	404	((phase near adjust\$4) with (frequency near divid\$4)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 13:58

S37	0	((phase near adjust\$4) with (frequency near divid\$4)) same (adip or (address near (pregroove or pre-groove or (pre groove)))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 14:01
S38	0	((phase near adjust\$4) with (frequency near divid\$4)) and (adip or (address near (pregroove or pre-groove or (pre groove)))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 14:01
S39	2034	(adip or (address near (pregroove or pre-groove or (pre ove)))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 14:02
S40	179	(adip or (address near (pregroove or pre-groove or (pre ove)))) near (detect\$3 or decod\$4) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 14:03
S41	0	((phase near adjust\$4) with (adip or (address near (pregroove or pre-groove or (pre ove)))) near (detect\$3 or decod\$4)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 14:04
S42	0	((phase near adjust\$4) same ((adip or (address near (pregroove or pre-groove or (pre ove)))) near (detect\$3 or decod\$4))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 14:04

S43	7	((phase near adjust\$4 or correct) same ((adip or (address near (pregroove or pre-groove or (pre ove)))) near (detect\$3 or decod\$4))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:16
S44	1	((phase near (adjust\$4 or correct\$3)) same ((adip or (address near (pregroove or pre-groove or (pre ove)))) near (detect\$3 or decod\$4))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 14:47
S45	352	((phase near adjust\$4 or correct\$3) same (pfd or pd or (phase near detect\$3)) same ((count\$3) with (clk or clock))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:12
S46	113	((phase near (adjust\$4 or correct\$3)) same (pfd or pd or (phase near detect\$3)) same ((count\$3) with (clk or clock))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:21
S47	49	((phase near (adjust\$4 or correct\$3)) same (pfd or pd or (phase near detect\$3)) with ((count\$3) with (clk or clock))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:35

S48	10	((phase near (adjust\$4 or correct\$3)) same (pfd or pd or (phase near detect\$3)) with ((count\$3) with ((ref or reference) near (clk or clock)))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:47
S49	2	((phase near (adjust\$4 or correct\$3)) same (pfd or pd or (phase near detect\$3)) with ((count\$3) with ((generat\$3) near (clk or clock)))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:44
S50	2	"5080990"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:44
S51	2	"05080990"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:45
S52	8	"6296184"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:45
S53	74	((pfd or pd or (phase near detect\$3)) with ((count\$3) with ((ref or reference) near (clk or clock)))) same (decision or decide or delay) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:49

S54	50	((pfd or pd or (phase near detect\$3)) with ((count\$3) with ((ref or reference) near (clk or clock))) with (decision or decide or delay)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:54
S55	52	((pfd or pd or (phase near detect\$3)) with ((count\$3) with ((ref or reference) near (clk or clock))) with (decision or logic or delay)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 14:50
S56	3	((pfd or pd or (phase near detect\$3)) with ((count\$3) with ((ref or reference) near (clk or clock))) with (phase near delay)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/23 15:55
S57	1	US-7016277-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/27 11:03
S58	133	((pfd or pd or (phase near detect\$3)) with ((count\$3) with (((ref or reference) or (generat\$4)) near (clk or clock))) with (decision or logic or control\$3)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 14:53
S59	8826	protect\$4 near signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:17
S60	1167	(pre near (pit or groov\$3)) and (dvd\$4) and wobble	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 11:00
S61	25	S60 and S59	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 11:00

S62	460	((phase near adjust\$4) with (frequency near divid\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:09
S63	2	S62 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:09
S64	352	((phase near adjust\$4 or correct\$3) same (pfd or pd or (phase near detect\$3)) same ((count\$3) with (clk or clock))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:12
S65	0	S64 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:12
S66	22	(protect\$4 near signal) and ((pfd or pd or (phase near detect\$3)) with count\$3) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:35
S67	501	(protect\$4 near signal) and (pfd or pd or (phase near detect\$3)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 11:36
S68	24	(frequency near divid\$3) same (count\$3 same register same compar\$4 same (flip near flop) same pulse same invert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 14:17

S69	23	(frequency near divid\$3) same (count\$3 same register same compar\$4 same (flip near flop) same pulse same invert\$3) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/29 14:17
S70	4995	((first or second) near4 count \$4 near (value or signal)) with (clock or clk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 18:12
S71	99	((first or second or two) near4 count\$2 near (value or signal)) with (clock or clk) and ((phase near (adjust\$4 or correct\$3)) same (pfd or pd or (phase near detect \$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 18:15
S72	71	((first or second or two) near4 count\$2 near (value or signal)) with (clock or clk) and ((phase near (adjust\$4 or correct\$3)) same (pfd or pd or (phase near detect \$3))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 18:18
S73	12	((first or second or two) near4 count\$2 near (value or signal)) with (clock or clk) and ((wobble) same (pfd or pd or (phase near detect \$3))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 18:19
S74	664	(count\$4 with (clock or clk) with control) same (pfd or pd or (phase near detect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:28
S75	542	(count\$4 with (clock or clk) with control) same (pfd or pd or (phase near detect\$4)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:30



S76	11	(count\$4 with (clock or clk) with control) same ((first or second or two) near (value or number)) same (pfd or pd or (phase near detect\$4)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:42
S77	265	(count\$4 with (clock or clk) with control) same ((first or second or two)) same (pfd or pd or (phase near detect\$4)) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:43
S78	4	((count\$4 with (clock or clk) with control) same ((first or second or two)) same (pfd or pd or (phase near detect \$4))) and wobble and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:44
S79	6	((count\$4 with (clock or clk) with control) same ((first or second or two)) same (pfd or pd or (phase near2 detect \$4))) and wobble and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:47
S80	0	(adjust\$3 near wobble) same (count\$3 with ((reference or ref) near (clock or clk)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 13:06
S81	126	(wobble) and (count\$3 with ((reference or ref) near (clock or clk)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 13:06
S82	102	(wobble) and (count\$3 with ((reference or ref) near (clock or clk))) and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 13:06

S83	204	((pfd or (phase frequency detector) or (phase detector)) same (ref or reference) and slice\$4 and (bpf or band pass filter))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/29 11:09
S84	35	((count\$4 with (clock or clk)) same ((first or second or two)) same (pfd or pd or (phase near2 detect\$4))) and wobble and (@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/29 11:09
S85	56	Yuan near hsiao	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/29 11:10
S86	10	wobble and (Yuan near hsiao)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/29 11:10
S87	665	(phase near (adjust\$4 or detect\$4)) and (count\$4 same ((first or second or third) with (compar\$4 or great\$3 or small\$3) with (predetermin\$4 or predefin\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/29 11:16
S88	591	(@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410") and (phase near (adjust\$4 or detect\$4)) and (count\$4 same ((first or second or third) with (compar\$4 or great\$3 or small\$3) with (predetermin\$4 or predefin\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/29 11:16
S89	196	(@pd<"20030410" or @ad<"20030410" or @prad<"20030410" or @rlad<"20030410") and (phase near (adjust\$4)) and (count\$4 same ((first or second or third) with (compar\$4 or great\$3 or small\$3) with (predetermin\$4 or predefin\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/29 11:18

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